

Manikandan Ashok

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EDUCATION

ARASU ENGINEERING COLLEGE

BE IN COMPUTER SCIENCE

Expected June 2024 | CGPA: 8.1 / 10.0

PA MATRIC HR SEC SCHOOL

COMPUTER SCIENCE

Grad. May 2020 | TamilNadu, India

PA MATRIC HR SEC SCHOOL

Grad. May 2018 | TamilNadu, India

CumPer: 74.84

LINKS

Github:// [manikandanva](#)

LinkedIn:// [manikandanashok](#)

YouTube:// [Manikandan Ashok](#)

SKILLS

PROGRAMMING

Advances:

HTML • CSS • JavaScript

Bootstrap • ReactJS

Intermediate:

Python • Node.js

INTERESTS

Technical

Full stack • Robotics • Cloud

Machine Learning • Internet of Things

Non-Technical

Editing • Content Creation

Gaming • Networking

AWARDS

2023 | 3rd

• Paper Presentation, Project

Presentation

2022 | 2nd

• Technical Quiz

RESPONSIBILITIES

• Students' Representative

• Experienced leader in all participated events

EXPERIENCE

VEBBOX | FRONTEND DEVELOPMENT INTERN

Feb 2024 - July 2024 | Tanjore, India

FRONTEND DEVELOPMENT

- Created the frontend from scratch using **HTML**, **CSS**, **JavaScript** and internal frameworks creating a better **user experience**.
- Proficient in developing responsive and dynamic web applications using **React.js**, with a strong focus on user experience, performance optimization, and clean, maintainable code.

PROJECTS

PROFESSIONAL NETWORKING SITE

REACT.JS | NODE.JS | EXPRESS.JS | MONGODB

- Developed a professional networking platform that connects **short-term maintenance workers** (e.g., electricians, plumbers, carpenters) with employers seeking their services.
- The platform features an **employer's feed** for finding local workers and a **worker's feed** for job offers, facilitating seamless connections based on location.

STUDENT ID AND SHOES DETECTIONS

- Developed a real-time system using **YOLOv7** for detecting student compliance with **ID card** and **footwear** regulations through **webcam surveillance**.
- The system identifies students without ID cards or proper footwear and **sends email alerts** to ensure adherence to **institutional guidelines**. Utilized **Python** and **Anaconda (Jupyter Notebook)** for development.

MOBILES STORE [Live link]

- Developed a dynamic mobile store website with **React.js**, creating a fully responsive and interactive **front-end design**.
- Executed comprehensive **front-end development** to ensure an optimal **user experience**.

CERTIFICATION

- **ChatGPT Course, Naan Mudhalvan (2023)**: Completed training in conversational AI with practical applications.
- Completed a workshop on **Computer Vision** using **Python** in year 2023.
- Completed the **Google Analytics** for Beginners course in 2024, acquiring foundational skills in **data analysis** and reporting
- **Tamil Nadu** Skill Development Corporation's **Titan Leap** program in 2024